

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. Contract ID Code Firm-Fixed-Price		Page 1 Of 18	
2. Amendment/Modification No.  P00007		3. Effective Date  2004JUL15		4. Requisition/Purchase Req No.  SEE SCHEDULE		5. Project No. (If applicable)	
6. Issued By TACOM WARREN AMSTA-AQ-ATBC JOSEPH K. SMITH (586)574-6377 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL EMAIL: SMITHJOE@TACOM.ARMY.MIL		Code W56HZV		7. Administered By (If other than Item 6) DCMA SEATTLE CORPORATE CAMPUS EAST III 3009 112TH AVE., NE, SUITE 200 BELLEVUE WA 98004-8019		Code S4801A	
				SCD C PAS NONE ADP PT HQ0339			
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code)  FREIGHTLINER LLC 4747 N. CHANNEL AVE PORTLAND, OR. 97217  TYPE BUSINESS: Large Business Performing in U.S.				<input type="checkbox"/>		9A. Amendment Of Solicitation No.	
				<input type="checkbox"/>		9B. Dated (See Item 11)	
				<input checked="" type="checkbox"/>		10A. Modification Of Contract/Order No. DAAE07-00-D-S022	
				<input type="checkbox"/>		10B. Dated (See Item 13) 2000SEP08	
Code 64678		Facility Code					
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. <b>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.</b> If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. Accounting And Appropriation Data (If required) NO CHANGE TO OBLIGATION DATA							
<b>13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS</b>							
KIND MOD CODE: G It Modifies The Contract/Order No. As Described In Item 14.							
<input type="checkbox"/>		A. This Change Order is Issued Pursuant To: The Contract/Order No. In Item 10A.			The Changes Set Forth In Item 14 Are Made In		
<input type="checkbox"/>		B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).					
<input checked="" type="checkbox"/>		C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: Mutual agreement of the parties					
<input type="checkbox"/>		D. Other (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.							
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  SEE SECOND PAGE FOR DESCRIPTION							
Contract Expiration Date: 2007DEC12							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. Name And Title Of Signer (Type or print)				16A. Name And Title Of Contracting Officer (Type or print) GLORIA MCCracken MCCRACKG@TACOM.ARMY.MIL (586)574-6524			
15B. Contractor/Offeror  _____ (Signature of person authorized to sign)		15C. Date Signed		16B. United States Of America  By _____ /SIGNED/ (Signature of Contracting Officer)		16C. Date Signed  2004JUL15	
NSN 7540-01-152-8070 PREVIOUS EDITIONS UNUSABLE				30-105-02		STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

<b>CONTINUATION SHEET</b>	<b>Reference No. of Document Being Continued</b> <b>PIIN/SIIN</b> DAAE07-00-D-S022 <b>MOD/AMD</b> P00007	<b>Page</b> 2 <b>of</b> 18
<b>Name of Offeror or Contractor:</b> FREIGHTLINER LLC		

SECTION A - SUPPLEMENTAL INFORMATION  
The Purpose of Modification P00007 to Contract DAAE07-00-D-S022 is:

1. To add the M915 LHS Load Handling System Truck and the M915 LHST Load Handling System Trailer to the Contract. The prices for these vehicles, associated logistics support new equipment training and contractor technical assistance are set forth in this modification. A maximum of 4 vehicle systems have been approved for procurement.
2. The following items are added by this modification:
  - a. Section C is revised as follows: Paragraphs C.1 and C.2 are revised to add the two new models. Paragraphs C.61, Integrated Logistics Support (ILS) Program, M915 Load Handling System Truck (M915 LHS) and M915 LHS Trailer (M915 LHST), C.62 M915 Load Handling System (LHS) Test and I&KP Personnel Training & New Equipment Traing and C.63 M915 Load Handling System Truck (M915 LHS) and M915 Load Handling System Trailer (M915 LHST) - Product Assurance and Test are hereby added to the Contract.
  - b. The following attachments are also added:
    - (1) ATPD M915 LHS dated October 18, 2003, Revision 1 dated January 16, 2004, Revision 2 dated March 8, 2004, Revision 3 dated April 22, 2004, Revision 4 dated July 9, 2004 and Revision 5 dated July 15, 2004.
    - (2) ATPD M915 LHST dated October 18, 2003, Revision 1 dated January 16, 2004, Revision 2 dated March 8, 2004, Revision 3 dated April 22, 2004, Revision 4 dated July 9, 2004 and Revision 5 dated July 15, 2004.
    - (3) CDRLS A040, A041 and A042.
    - (4) ATTACHMENT A, Publication Requirements.
3. The prices for these vehicles, associated logistics support, new equipment training and contractor technical assistance, are set forth in Section B of this modification.
4. As a result of this modification, the total amount of the contract is neither increased nor decreased. All other terms and conditions remain unchanged.

\*\*\* END OF NARRATIVE A 009 \*\*\*

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SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS

ITEM NO. SUPPLIES/SERVICE QTY UNIT UNIT PRICE AMOUNT

1003 FIRST YEAR DATA REQUIREMENTS

NSN: N/A  
FSCM: N/A  
PART NR: N/A  
SECURITY CLASS: UNCLASSIFIED

CONTRACT DATA REQUIREMENT for  
M915A3, M916A3 and M917A2 IAW DD FORM 1423, EXHIBIT A,  
consisting of the following Exhibit Line Numbers (ELINS):  
A0001 through A0036

Inspection and Acceptance Point: DESTINATION  
F.O.B. Point: DESTINATION  
Delivery Schedule: See DD Form 1423, Exhibit A.

Offerors should enter a separate price for each ELIN unless  
"NOT SEPARATELY PRICED" (NSP) is indicated next to it.

\* The amounts for the following Data Items were changed by  
modification P00002

\*\* ELINs A037, A038, A039 were added by Modification P00006.

\*\*\* ELINs A040, A041, A042 were added by Modification P00007.

ELINS	Title of Data Item				
A001	Engineering Change Proposal (ECP)	1	LOT	NSP	\$NSP
A002	Product Drawings and Associated Lists	1	LOT	XXX	<u>\$75,303.00</u>
A003	Line Art Data Camouflage Basis Drawings	1	LOT	NSP	\$NSP
A004	Packaging/Logistics Data Entry	1	LOT	XXX	<u>\$6,577.00</u>
A005	Special Packaging Instructions	1	LOT	XXX	<u>\$486.00</u>
A006	Special Packaging Instructions Shipment & Storage (S&S) Instruction	1	LOT	XXX	<u>\$1,013.00</u>
A007	Container Design Retrieval System (CDRS) Search Request	1	LOT	NSP	\$NSP
A008	Container Design Retrieval System (CDRS) Data Input	1	LOT	NSP	\$NSP
A009	Safety Assessment Report (SAR)	1	LOT	NSP	\$NSP
A010	Logistics Management Information (LMI) Data Products Vehicle System Kits	1	LOT	XXX	<u>\$41,276.00</u>
A011	Logistics Management Information (LMI) Summaries Data Rights	1	LOT	NSP	\$NSP
A012	Logistics Management Information (LMI) Summaries Supportability Analysis Summaries (SAS)	1	LOT	XXX	<u>\$4,398.00</u>

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		PIIN/SIIN	DAAE07-00-D-S022	MOD/AMD	P00007	
Name of Offeror or Contractor: FREIGHTLINER LLC						
A013	Maintenance Allocation Chart	1	LOT	XXX	\$23,750.00	
A014	****NOT USED*****	N/A	N/A	N/A	N/A	
A015	Logistics Management Information (LMI) Data Products Provisioning Parts List (PPL)	1	LOT	XXX	\$391,869.00	
A016	Logistics Management Information (LMI) Summaries Pre-procurement Screening	1	LOT	XXX	\$4,659.00	
A017	Logistics Management Information (LMI) Data Products Supplementary Provisioning Technical Documentation (SPTD)	1	LOT	XXX	\$57,456.00	
A018	Special Tools and Test Equipment List (TTEL)	1	LOT	XXX	\$9,268.00	
A019	Logistics Management Information (LMI) Summaries Design Change Notice (DCN)	1	LOT	XXX	\$696.00 per DCN	
A020	Logistics Management Information (LMI) Summaries Provisioning Parts List Index (PPLI)	1	LOT	XXX	\$805.00	
A021	Technical Manuals Electronic Technical Manual (ETM) Operators- TM9-2320-xxx-10	1	LOT	XXX	\$134,210.00	
A022	Technical Manuals Interactive Electronic Technical Manuals & Summaries (DEP & FDAP)	1	LOT	XXX	\$3,308,069.00	
A023	Technical Report-Study/Services Intrusive Testability Analysis Report (ITAS)	1	LOT	NSP	\$NSP	
A024	Commercial Off the Shelf Manuals (COTS) Interim Commercial Manuals	1	LOT	XXX	\$14,346.00	
A025	Instructor (IG) and Student (SG) Guides NET/I&KP	1	LOT	XXX	\$60,393.00	
A026	Training Material Training Course Completion Package	1	LOT	XXX	\$216.00	
A027	Contract Field Service Report Field service Representative (FSR) Reports	1	LOT	NSP	\$NSP	
A028	Failure Analysis and Corrective Action Report Product Quality Deficiency Reports (PQDR)	1	LOT	NSP	\$NSP	
A029	Failure Analysis and Corrective Action Report	1	LOT	NSP	\$NSP	
A030	Product Quality Deficiency Reports (PQDRs) For Government Furnished Equipment	1	LOT	NSP	\$NSP	
A031	Conference Agenda	1	LOT	XXX	\$1,132.00	
A032	Conference Minutes	1	LOT	XXX	\$3,395.00	
A033	Government Furnished Material (GFM)	1	LOT	NSP	\$NSP	

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Name of Offeror or Contractor: FREIGHTLINER LLC			

Consumption Report

A034	Report of Shipping and Packaging Discrepancy	1	LOT	NSP	\$NSP
A035	Logistics Management Information (LMI) Summaries Warranty Performance Report	1	LOT	XXX	\$ <u>    0</u>
A036	Oil Analysis Report	1	LOT	NSP	\$NSP
A037	Technical Manuals M915 Flat Bed + M915 Septic Tank Truck	1	LOT	NSP	<u>\$65,126.00</u>
A038	New Equipment Training Instructors + Student Guides	1	LOT	NSP	<u>\$37,398.00</u>
A039	New Equipment Training Certificate of training, student rosters, test papers, class evaluations	1	LOT	NSP	<u>    NSP</u>
A040***	ILS Program (M915 Load Handling System Truck and M915 LHS Trailer)	1	LOT	NSP	\$105,377.00
A041***	Training Material/Instructor Guide & Student Guideage	1	LOT	NSP	\$122,233.00
A042***	Training Material/ Training Course Completion Package	1	LOT	NSP	\$335.00

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**Name of Offeror or Contractor:** FREIGHTLINER LLC

ITEM NO.	SUPPLIES/SERVICE	UNIT PRICE
	<p>M915 LOAD HANDLING SYSTEM TRUCK (M915 LHS) &amp; M915 LOAD HANDLING SYSTEM TRAILER (M915 LHST) in accordance with Section C.1 and C.2 and the Terms and Condition found in this contract and ATPD M915 LHS dated October 18, 2003, Revision 1 dated January 16, 2004, Revision 2 dated March 8, 2004, Revision 3 dated April 22, 2004, Revision 4 dated July 8, 2004 and Revision 5 dated July 15, 2004 &amp; ATPD M915 LHST dated October 18, 2003, Revision 1 dated January 16, 2004, Revision 2 dated March 8, 2004, Revision 3 dated April 22, 2004, Revision 4 dated July 8, 2004 and Revision 5 dated July 15, 2004.</p> <p>This vehicle was added to the Contract by Modification P00007.</p> <p>NSN: To be determined.</p> <p>Federal Retailers Excise Tax (FRET) - See below.</p> <p>INSPECTION/ACCEPTANCE: Origin FOB: Origin Quantity variance: None</p> <p>Vehicle Registration Numbers will be provided by the government at a later date.</p> <p>PRESERVATION PACKING AND MARKING: Preservation, packing and marking shall be IAW M915 LHS, M915 LHST and Section D.</p>	
88000	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER EUROPEAN CONFIGURATION (ARMY TEST VEHICLE) (F.R.E.T. Not Included, unit price does not include refurbishment costs).	\$337,503.00
88001	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER EUROPEAN CONFIGURATION - 4th Contract Year, F.R.E.T. Not Included.	\$287,969.00
88002	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER EUROPEAN CONFIGURATION - 5th Contract Year, F.R.E.T. Not Included.	\$292,557.00
88003	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER EUROPEAN CONFIGURATION - 6th Contract Year, F.R.E.T. Not Included.	\$301,532.00
88004	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER EUROPEAN CONFIGURATION - 7th Contract Year, F.R.E.T. Not Included.	\$310,794.00
88005	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER NON-EUROPEAN CONFIGURATION - 4th Contract Year, F.R.E.T. of \$35,102.00 included in the unit price.	\$322,120.00
88006	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER NON-EUROPEAN CONFIGURATION - 5th Contract Year, F.R.E.T. of \$35,672.00 included in the unit price.	\$327,254.00

Name of Offeror or Contractor: FREIGHTLINER LLC

88007	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER NON-EUROPEAN CONFIGURATION - 6th Contract Year, F.R.E.T. of \$36,789.00 included in the unit price.	\$337,322.00
88008	M915 LOAD HANDLING SYSTEM TRUCK & TRAILER NON-EUROPEAN CONFIGURATION - 7th Contract Year, F.R.E.T of \$37,942.00 included in the unit price.	\$347,712.00

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ITEM NO.	SUPPLIES/SERVICES
	<p>Non-Recurring Engineering costs associated with the development of the M915 LHS Load Handling System Truck &amp; Trailer, IAW ATPD M915 LHS dated October 18, 2003, Revision 1 dated January 16, 2004, Revision 2 dated March 8, 2004, Revision 3 dated April 22, 2004, Revision 4 dated July 8, 2004 and Revision 5 dated July 15, 2004 &amp; ATPD M915 LHST dated October 18, 2003, Revision 1 dated January 16, 2004, Revision 2 dated March 8, 2004, Revision 3 dated April 22, 2004, Revision 4 dated July 8, 2004 and Revision 5 dated July 15, 2004.</p> <p>This effort added to the Contract by Modification P00007.</p> <p>Inspection/Acceptance: Destination</p> <p>Contractor is authorized to bill on a quarterly basis. Proof of hours worked is required.</p>
88100	<p>Freightliner LLC - Chassis Engineering</p> <p>3,200 hours @ \$96.74 per hour = \$309,568.00</p>
88200	<p>Subcontractor Engineering &amp; Design (Columbia Body)</p> <p>2,704 hours @ \$72.50 per hour = \$196,040.00</p>



ITEM NO.	SUPPLIES/SERVICES	
	M915 LHS New Equipment Training in accordance with section C.62, ATPD M915 LHS and ATPD M915 LHST.	
	This effort added by Modification P00007.	
	Inspection/Acceptance: Destination	
88300	New Equipment Training at APG (CONUS) Operator/Operator Maintenance NET	\$6,477.00
88301	New Equipment Training at APG (CONUS) Unit Maintenance NET	\$6,477.00
88400	New Equipment Training in Germany (OCONUS) Operator/Operator Maintenance NET	\$10,623.00
88401	New Equipment Training in Germany (OCONUS) Unit Maintenance NET	\$10,623.00

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ITEM NO. SUPPLIES/SERVICES

Contractor Technical Assistance for the M915 LHS,  
in accordance with C.35, ATPD M915 LHS and  
ATPD M915 LHST.

This effort added by Modification P00007.

Inspection/Acceptance: Destination

88500	Freightliner Service Department - 4th Contract Year	\$583.00
88501	Freightliner Service Department - 5th Contract Year	\$597.00
88502	Freightliner Service Department - 6th Contract Year	\$612.00
88503	Freightliner Service Department - 7th Contract Year	\$628.00
88504	Freightliner Engineering Department - 4th Contract Year	\$774.00
88505	Freightliner Engineering Department - 5th Contract Year	\$793.00
88506	Freightliner Engineering Department - 6th Contract Year	\$813.00
88507	Freightliner Engineering Department - 7th Contract Year	\$833.00
88508	Partek (Subcontractor) - 4th Contract Year	\$550.00
88509	Columbia Body (Subcontractor) - 4th Contract Year	\$576.00
88510	Columbia Body (Subcontractor) - 5th Contract Year	\$598.29
88511	Columbia Body (Subcontractor) - 6th Contract Year	\$621.44
88512	Columbia Body (Subcontractor) - 7th Contract Year	\$645.49
88513	XMCO (Subcontractor) Sr. Man-day Rate - 4th Contract Year	\$627.00
88514	XMCO (Subcontractor) Man-day Rate - 4th Contract Year	\$492.00

\*\*\* END OF NARRATIVE B 004 \*\*\*

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SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

SECTION C  
M915 FOV NEXT GENERATION  
DESCRIPTION/SPECIFICATION INDEX

CLAUSE	CDRL	CLAUSE TITLE
C.1	NA	Vehicle Description
C.2	NA	General Requirements
C.3	A001	Engineering Change Proposal (ECP) - Vehicle Configuration
C.4	NA	Engineering Drawings and Drawing Submittal
C.5		Drawing Package
	A002	Product Drawings and Associated Lists
	A003	Drawing Packages - Camouflage Basis Drawing
C.6	NA	Packaging Program
C.7	NA	Special Group Items
C.8	A004	Packaging/Logistics Data Entry
C.9	A005	Special Packaging Instructions (SPI)
C.10	A006	Shipment and Storage (S&S) Instructions
C.11	A007	Container Design Retrieval System (CDRS)
C.12	A008	Reusable Container Development
C.13	NA	Safety Engineering
C.14	A009	Safety Assessment Report (SAR)
C.15	NA	Environmental Engineering
C.16		Vehicle System Kits
	A010	Logistics Management Information (LMI) Data Products/Vehicle System Kits (SPK) Installation & Supplementary Provisioning Technical Documentation (SPTD)
C.17	A011	Data Rights
C.18	NA	Integrated Logistics Support (ILS) Program
C.19	A012	Logistics Management Information (LMI) Summaries/Supportability Analysis Summaries (SAS), Maintenance Planning/Repair Analysis, (Maintenance Analysis)
C.20	A013	Maintenance Allocation Chart (MAC) (Changed per Mod P0002)
C.21	A014	Logistics Management Information Summaries/System Support Package (SSP)
C.22	NA	Provisioning Program
C.23	A015	Logistics Management Information (LMI) Data Products/Provisioning Provisioning Parts List (PPL)
	A016	LMI Summaries/LMI Data Products Pre-procurement Screening
C.24	A017	Logistics Management Information Data products/Supplementary Provisioning Technical Documentation (SPTD) (Drawings)
C.25	A018	Special Equipment Tools and Test Equipment List/Tools and Test Equipment List (TTEL)

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C.26	A019	Logistics Management Information Summaries/Design Change Notice (DCN)
C.27	A020	Logistics Management Information Summaries/Provisioning Parts List Index (PPLI)
C.28	NA	Next Higher Assembly PLISNs and Overhaul Quantities
C.29	NA	Contractor On-line Access
C.30		Publications Program
	A021	Technical Manuals/Electronic Technical Manual (ETM)
	A022	Technical Manuals/Interactive Electronic Technical Manuals (IETMs) And Summaries
C.31	A023	Technical Report-Study/Services Intrusive Testability Analysis Report (ITAS)
C.32	NA	Technical Manual Validation and Verification (Option)
C.33	A024	Commercial Off the Shelf Manuals (COTS)/Interim Commercial Technical Manuals
C.34		New Equipment Training (NET) Program
	A025	Training Material/Instruction Guide(IG)and Student Guide(SG)
	A026	Training Material/Training Course Completion Reports
C.35		Contractor Technical Assistance
	A027	Contract Field Service Report
C.36	NA	Quality Program
C.37	NA	In-Process Inspection
C.38	NA	Inspection Equipment
C.39	NA	Inspection Records
C.40	NA	Drawing for Inspection
C.41	NA	Shakedown Test
C.42	NA	First Production Vehicle Inspection (FPVI)
C.43	NA	Vehicle Restoration
C.44	A028	Failure Analysis and Corrective Action Report (FACAR)
C.45	A029	Product Quality Deficiency (PDDQ) Reports
C.46	A030	Product Quality Deficiency Reports for Government Furnished Equipment
C.47	NA	Welding Requirements
C.48	NA	Counterfeit Parts
C.49	NA	Start of Work (SOW) Meeting
C.50	NA	Maintenance, Provisioning and Publication (MPP) Reviews
C.51	NA	Formal Program Status Reviews
C.52	A031	Conference Agenda
C.53	A032	Conference Minutes
C.54	N/A	Equipment Control Record, DA Form 2408-9
C.55	A033	Government Furnished Material (GFM) Consumption Report/Consolidated Receipt and

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Consumption of GFM Report

C.56	A034	Report of Shipping and Packing Discrepancy
C.57	A035	Technical Report-Study/Services/Warranty Performance Report
C.58	A036	Oil Analysis Report
C.59	A037	Integrated Logistics Support (ILS) Program, M915 Flat Bed Truck and M915 Septic Tank Truck
C.60	A038 A039*	New Equipment Training, M915 Flat Bed Truck and M915 Septic Tank Truck
C.61*	A040	Integrated Logistics Support (ILS) Program, M915 Load Handling System Truck (M915 LHS) and M915 LHS Trailer (M915 LHST)
C.62*	A041 A042	M915 Load Handling System (LHS) Test and I&KP Personnel Training & New Equipment Training
C.63*	N/A	M915 Load Handling System Truck (M915 LHS) and M915 Load Handling System Trailer (M915 LHST) - Product Assurance and Test

\* ADDED BY MODIFICATION P00007.

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## SECTION C

### DESCRIPTION/SPECIFICATION

#### VEHICLES AND REQUIREMENTS

##### C.1 Vehicle Description

The M915 Family of Vehicles (FOV) is a five body style group of vehicles which share common components where practical and consist of the following:

a. M915A3 truck tractor, line haul. The M915A5 truck tractor is a 6x4 prime mover of flatbed and tanker semi-trailers used primarily to transport containers, bulk cargo and petroleum products over primary and secondary roads and trails under world-wide climatic conditions in a military environment. It has a diesel engine, automatic transmission, anti-lock brakes, air conditioning and a fully sliding 36 inch fifth wheel. It has a Gross Vehicle Weight Rating (GVWR) of 52,000 lbs. and is compatible with the M871/M872 Series, M1062 and M1062A1 semitrailers.

b. M916A3 Light Equipment Transporter (LET). The M916A3 LET will be used primarily with the M870 semitrailer, lowbed, 40 ton to transport engineer construction equipment in the local, line haul and maintenance evacuation missions on primary, secondary and off-road conditions. It has a diesel engine, automatic transmission, anti-lock brakes, air conditioning and a fully sliding 36 inch fifth wheel. The M916A3 has an on board winch capable of pulling engineer construction equipment onto the M870 semitrailer. The maximum Gross Combination Vehicle Weight (GCVW) of the M916A3 when towing the M870 40 ton semitrailer is 130,000 lbs.

c. M917A2 Dump Truck. The M917A2 dump truck will be used to load, transport, and dump payloads of sand and gravel aggregates, crushed rock, hot paving mixes, earth, clay, rubble and large boulders at engineering and construction sites under worldwide climatic conditions in a military environment. It has a diesel engine, automatic transmission, anti-lock brakes, air conditioning and a 18.5 ton Dump Body. The truck and its dump body will be rust-proofed and camouflage Chemical Agent Resistant Coating (CARC) painted. The dump truck shall satisfy EPA, SAE, DOT, FMVSS and FMCSR requirements applicable to dump trucks in the weight class at the time of manufacture.

d. M915 Flatbed Truck. The 10-ton flatbed truck is a multifunctional truck with the capability to transport a 10-ton ISO container, serve as a troop carrier or carry cargo over primary and secondary roads and trails under world-wide climatic conditions in a military environment. It has a Gross Vehicle Weight Rating of 52,000 lbs.

e. M915 Septic Tank Truck. The truck is for use in oil refineries, steel mills, power plants, sewer treatment plants, chemical plants, paper mills, manufacturing plants, and many other areas where the pumping of crude, sand, resin, packing rings, mill scale, grease, paint sludge, dirt and mud, silica, fly ash, lime, steel dust, rocks and thousands of other materials are performed.

\* f. M915 Load Handling System Truck (M915 LHS) and M915 Load Handling System Trailer (M915 LHST). The M915 LHS truck will be diesel powered, fully automatic transmission, and will be capable of transporting a total payload of 41,000 pounds (20.5 tons), inclusive of flatrack and containers and not including a towed load, in the automatic mode throughout the entire mission profile GCVW for the LHS, LHST Trailer and payload is 125,000 lbs.. The truck will have an integral load handling system capable of self-loading and unloading fully loaded flatracks, 20 foot commercial ISO containers of varying heights up to 8 foot high containers, and mission modules from the truck, ground and authorized trailers. The M915 LHS trucks will be procured and paired with the M915 LHS primary trailer (M915 LHST) and be equipped with a Container Handling Unit (CHU). The CHU will enable the truck to safely load/unload and transport an ISO container with or without a flatrack on the truck and trailer. The ability to transfer and transport from the prime mover to the M915 LHS primary trailer is operationally essential. The trailer will be loaded and offloaded from both the truck and ground using the truck integral load handling system (LHS) and will be capable of transporting fully loaded flatracks, ISO containers of varying heights, and mission modules. The M915 LHS trailer shall be pintle towed compatible with other military vehicles at the appropriate towed load of the M915 LHS trailer worldwide on primary and secondary roads, trails and rough trails, limited off road conditions typically encountered with vocational trucks or 5% of truck duty cycle, in environmental conditions varying from minus 40 degrees F to plus 120 degrees F and shall safely negotiate a four meter underpass while operating on highway with fully loaded/unloaded flatrack, ISO container and mission module.

\* ADDED BY MODIFICATION P00007.

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C.2 General Requirements

a. You shall deliver vehicles in accordance with the following:

<u>Vehicle Model</u>	<u>TACOM Purchase Description (ATPD)</u>
M915A3 truck tractor	ATPD No. 2286
M916A3 truck tractor	ATPD No. 2289
M917A2 dump truck	ATPD No. 2288
M915 Flatbed Truck	ATPD No. 2328
M915 Septic Tank Truck	ATPD No. 2330
* M915 LHS Truck	ATPD M915 LHS
* M915 LHST	ATPD M915 LHST

b. You shall produce and deliver the six \* model trucks in accordance with Section B, the delivery schedule in Section F, any exercised options in Section H and the corresponding data requirements set forth in the Contract Data Requirements List (CDRL) DD form 1423 of this contract.

c. We refer to several data items in Section C. You shall prepare the data item submittals as described in the Data Item Descriptions and the Contract Data Requirements Lists. We have listed the following applicable references after the title of the clause for each data item:

- (1) Data Item Description (DID) number from Section J, Exhibit A
- (2) Contract Line Item Number (CLIN) from Section B
- (3) Exhibit Line Item Number (ELIN) from Section B and the Contract Data Requirements List (CDRL)Exhibit A from Section J

d. Data Items will be submitted in electronic format using the latest mutually agreed to software version in one of the following forms in order of government preference.

- (1) You send data via E-Mail.
- (2) You establish a WEB site and allow certain government representatives access to it.
- (3) You mail Disks, CD ROM, or any other mutually accepted electronic media.
- (4) You are provided access, if desired to the TACOM WEB site "www.tank-edi.com." A demonstration with instructions, guidance and information shall be provided upon your request.

\* ADDED BY MODIFICATION P00007.

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\* C.61 Integrated Logistics Support (ILS) Program, M915 Load Handling System Truck (M915 LHS) and M915 LHS Trailer (M915 LHST)

1. The ILS program described in the following paragraphs sets forth the work efforts required to develop, produce and deliver the logistics requirements to support the M915 Load Handling System Truck (M915 LHS) and M915 LHS Trailer (M915 LHST).

a. You are responsible for planning, managing and ensuring ILS considerations are an integral part of the overall system. You shall provide logistic management support that includes the items identified below.

b. You shall host an ILS Start of Work (SOW)/In Process Review (IPR) and technical meeting within 15 days after contract award at a location of your choosing. Arrangements for this meeting shall be made between you and the ACO who will coordinate with the PCO. Your ILS concepts and plans to execute them shall be briefed at the Logistics SOW/IPR. The primary purposes of the meeting are for you to brief your concept to execute the contract and provide a forum for us to answer questions concerning specific requirements. For the ILS portion, your presentation shall contain a detailed description of the procedures, actions, event and organization you intend to employ to accomplish the development and integration of the M915 LHS and M915 Trailer in the SOMARPI. For the technical portion, your presentation shall provide us with a description of the design and integration of the chassis and body styles of the M915 LHS Trucks and Trailer, to include a description of the chassis and Load Handling System as well as the M915 Trailer. You shall submit a list of any questions or concerns to the PCO five working days prior to the SOW IPR.

2. The M915 LHS Truck and Trailer will have technical documentation from two manuals.

a. TM 9-2320-302 Series. This series covers all operations and maintenance for the M915 Truck chassis operation.

b. Supplemental Operation, Maintenance, and Repair Parts Instructions (SOMARPI). This manual covers all operation and maintenance procedures for the special purpose body of the M915 LHS Truck and Trailer.

3. The contractor shall deliver a complete paper copy and one (1) each CD in Adobe Acrobat Electronic Technical Manual (ETM) of the Supplemental Operation, Maintenance, and Repair Parts Instructions (SOMARPI) with supplementation as identified in the paragraphs below. You shall obtain sufficient copies of the most current commercial manuals supporting the M915 LHS Truck and Trailer from the hardware manufacturers for the purposes of this contract. The SOMARPI shall include complete operation, maintenance and repair parts support for the M915 LHS Truck and Trailer per ATTACHMENT A, Publications Requirements and related Contract Data Requirements List (CDRL), DD Form 1423.

4. The contractor shall prepare and deliver the SOMARPI using ATTACHMENT A, Publication Requirements and related DD Form 1423. The SOMARPI shall include: operator and unit level Preventive Maintenance Checks and Services (PMCS) with lubrication instructions, Maintenance Allocation Chart (MAC), Basic Issue Items (BII), Additional Authorized List (AAL), Components of End Item (COEI), References, Special Tool List, Part Number Cross Reference List, DA Form 2028, and Army covers for commercial manuals. Supplemental data shall also include all information not contained in existing M915 TM i.e. TM 9-2320-302 series manuals reflecting and supporting any military unique requirements of the M915 LHS Trucks and Trailers.

5. The SOMARPI and ETMs cited herein shall reflect and support the military configuration of the M915 LHS Truck and Trailer, including modifications to meet any Army unique hardware requirements.

6. The contractor shall integrate any new or unique operator level PMCS, BII, AAL, and COEIs into the SOMARPI. The contractor shall integrate the unit level PMCS, MAC, and special tool list into the SOMARPI. The contractor shall integrate the part number cross-reference list with art into the SOMARPI. The contractor shall integrate the M915 Trailer and all military unique items into the appropriate sections of the SOMARPI.

7. The Operator's Manual (TM 9-2320-302-10), the Warranty TB (TB-2320-302-15) and SOMARPI shall be over-packed in each vehicle per the basic contract.

8. The contractor shall perform a 100% desktop validation of all supplemental data developed for integration into the SOMARPI. The validation shall ensure that all supplemental data is complete, technically and editorially accurate, and compatible with existing information in the commercial manuals. The contractor shall ensure the SOMARPI data accurately reflects and supports the M915 LHS Truck and Trailer configurations provided, including all configuration changes resulting from all testing, vendor parts supply, and production line changes. The contractor shall also conduct a 100% validation of the ETMs cited herein to ensure they are complete, accurate, and properly functioning. The contractor shall deliver a validation plan, in contractor format, informing the Government of all planned validation activities. As a minimum, the validation plan shall include start date, time, duration, and location of validation prior to the start of validation.

9. The contractor shall correct all errors found in the SOMARPI, ETMs, and electronic data files resulting from Government reviews at no additional cost to the Government.

\* ADDED BY MODIFICATION P00007.



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\* C.62 M915 LOAD HANDLING SYSTEM (LHS) TEST AND I&KP PERSONNEL TRAINING & NEW EQUIPMENT TRAINING

a. Training Requirements

(1) The Contractor shall provide a qualified instructor to present training, furnish training equipment and course material to Army test and test support personnel and instructor and key personnel (I&KP) for training on the M915 LHS vehicle operation. The course shall focus on operator familiarization, troubleshooting, use of the PROLINK 9000 data reader and Maintenance Support Device (MSD) and unit/direct support maintenance on the M915 LHS. This training shall be conducted at Aberdeen Test Center (ATC) Aberdeen Proving Grounds, MD.

(2) The Contractor shall also provide qualified instructors to present training and provide training course material to Government personnel for training on the M915 LHS vehicle operation, Operator/Operator Maintenance and Unit Maintenance. This training shall be conducted at the M915 LHS gaining activity located at Germersheim, Germany.

b. Description of Training

(1) You shall provide one each of the two classes described below in paragraphs (a) and (b) for a maximum of twelve students per class, to support Test Personnel and Instructor and Key Personnel Training. You shall also provide one each of the two classes described below in paragraphs (c) and (d) for a maximum of twelve students per class, to train both operators and maintenance personnel at the M915 LHS gaining activity.

(a) Operator and Preventative Maintenance Checks and Services (PMCS) at Aberdeen Test Center - (CLIN 88300): You shall provide instruction of at least 32 (thirty two) hours on the vehicle operation/operator maintenance. Emphasis will be place on operating and maintenance safety, using the various controls and gages to include anti-lock brakes and central tire inflation (CTIS), coupling and uncoupling the trailer, loading and unloading the pay load from the truck, and operation of the Load Handling Systems. The "before operation interval" PMCS will be conducted by each student.

(b) Operator Unit and Direct Support Maintenance Class at Aberdeen Test Center - (CLIN 88301): You shall provide instruction for unit level maintenance of at least forty hours, including PMCS. The Program of Instruction (POI) shall emphasize new technology using electronic trouble-shooting using the PROLINK 9000 data reader and or Maintenance Support Device (MSD) with IETM, DDEC Reports, ABS brakes, Air Conditioning, Collision Warning system and Load Handling Systems. The course of instruction shall consist of at least 70 percent hand-on training.

(c) Operator/Operator Maintenance at Germersheim, GE - (CLIN 88400): You shall provide instruction of at least 32 hours on the vehicle operation/operator maintenance. Emphasis should be placed on operating the vehicle, coupling and uncoupling the trailer, loading and unloading the payload from the truck, and operation of the Load Handling Systems. The "before operation interval" Preventive Maintenance Checks and Services (PMCS) will be conducted by each student.

(d) Unit Maintenance at Germersheim, GE - (CLIN 88401): You shall provide instruction for unit level maintenance of at least 40 hours, including PMCS. The Program of Instruction (POI) shall emphasize new technology using the PROLINK 9000 data reader and or the Maintenance Support Device (MSD) to conduct electronic trouble-shooting with IETM, DDEC Reports, ABS brakes, air conditioning and load handling systems. The special tools sets will be identified and their use demonstrated. The course of instruction shall contain at least 70% hands-on training. Unit level maintenance tasks for the trailer shall be included.

c. Training Material/Instructor Guide (IG) and Student Guide (SG) (DI-ILSS-80872 (T) - CDRL A041): You shall provide Instructor Guides (IG) and Student Guides (SG) to support all training courses (both Aberdeen and Germersheim training sites) for operator/operator maintenance and unit maintenance. The SG will include all the material contained on the end of course test. The IG shall be submitted in a CD format.

d. Training Material/ Training Course Completion Package (DI-ILSS-80872 (T) - CDRL A042): You shall complete and present Certificates of Training to each student who successfully completes the course (at both Aberdeen and Germersheim training sites). You shall submit a roster of students along with their test papers, class rosters, and Training Report to the government within thirty days of completion of each class. This information will be provided electronically.

\* ADDED BY MODIFICATION P00007.

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\* C.63 M915 Load Handling System Truck (M915 LHS) and M915 Load Handling System Trailer (M915 LHST) - Product Assurance and Test

- a. Government testing. Full Production Verification Test (PVT) will not be conducted. The Government will conduct limited testing at Aberdeen Test Center (ATC), Maryland, before acceptance of the vehicles. The testing will focus on verification of Load Handling System (LHS) operation and its conformance to requirements. Safety testing and evaluation will be performed to obtain a Safety Release.
- b. First Production Vehicle Inspection (FPVI). First Production Vehicle Inspection shall be performed in its entirety, reference paragraph 4.3, Table 1 dated July 8, 2004. The contractor shall make necessary changes or corrections before delivery to Aberdeen Test Center, Aberdeen, MD for Government test and evaluation. The FPVI report, approval and reinspection requirements shall be in accordance with paragraph C.42 of the contract.
- c. Following FPVI and Government testing, the Contractor shall be responsible for any changes, modifications and corrections of defects deemed necessary to bring the system into conformance with requirements. The Contractor shall also be responsible for refurbishing the test system to fully functional condition, less normal wear and tear, prior to delivery, at contractor expense.
- d. Test Incident Reports. Test Incident Reports and Failure Analysis and Corrective Action Reports shall be handled in accordance with paragraph C.44 of the contract.
- e. Contractor Test Support. The contractor shall provide on-site technical support at ATC. Contractor test support shall be comprised of logistics and maintenance support for the LHS Truck and LHS Trailer. Contractor support shall also include test support equipment (i.e., repair/replacement parts, technical manuals, etc.) and personnel to perform all categories of maintenance required to maintain the LHS Truck and LHS Trailer in a fully operational condition throughout the test. The contractor shall be responsible for providing all test support shortages (i.e., technical and maintenance support, personnel, repair parts and equipment) within one business day of shortage notification.
- f. All transportation costs necessary to ship the test unit to and from the test site shall be the responsibility of the contractor.

\* ADDED BY MODIFICATION P00007.

\*\*\* END OF NARRATIVE C 004 \*\*\*